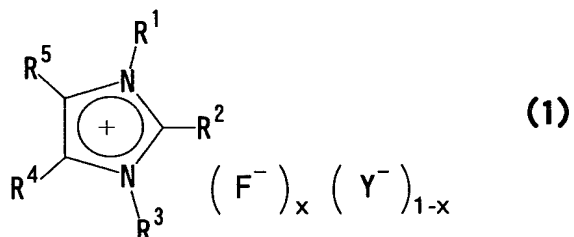


ABSTRACT

A method for producing a fluorine-containing organic compound represented by the formula (7):



5 wherein R represents a substituted or unsubstituted saturated hydrocarbon group, or a substituted or unsubstituted aromatic group and m represents an integer satisfying the inequality: $1 \leq m \leq n$, which comprises reacting a fluorinating agent represented
10 by the formula (1):



wherein R^1 and R^3 are the same or different, and represent an optionally substituted alkyl group, R^2 , R^4 and R^5 are the same or different, and represent a hydrogen atom
15 or an optionally substituted alkyl group, x satisfies $0 < x \leq 1$, and Y^- represents a monovalent anion other than a fluoride ion,
with an organic compound of the formula (6):



20 wherein R is the same as defined above, L represents a leaving group and n represents an integer of 1 or more, and a fluorinating agent using the same are described.